

Appl. N. 09/587,103
Amdt. dated September 15, 2003
Reply to Office Action of April 14, 2003

Claim 3 (original): The process of claim 2, wherein said filter is a membrane selected from the group consisting of: ceramic membranes, polymeric membranes, metallic membranes, and mixtures thereof.

Claim 4 (original): The process of claim 1, ^{or 2} further comprising the step of passing said high purity isopropyl alcohol through an ion exchange resin, thereby forming an ultra-high purity isopropyl alcohol having less than about 100 ppt of any metal impurity.

Claim 5 (original): The process of claim 4, wherein said ion exchange resin is at least one resin selected from the group consisting of: a cationic resin, an anionic resin, and mixtures thereof.

Claim 6 (original): The process of claim 4, further comprising the step of passing said ultra-high purity isopropyl alcohol through a filter, wherein said filter is selected from the group consisting of: a membrane, a microfiltration cartridge, an ultra-filtration device, and mixtures thereof.

Claim 7 (original): The process of claim 6, wherein said filter is a membrane selected from the group consisting of ceramic membranes, polymeric membranes, metallic membranes, and mixtures thereof.

Claim 8 (original): The process of claim 1, wherein said separation column is a distillation column.

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Claim 9 (previously presented): The process of claim 8, wherein said overhead stream comprises about 5 to 30 wt.% of said feed stream and said bottoms stream comprises about 5 to 30 wt.% of said feed stream.

Claim 10 (previously presented): The process of claim 1, wherein said at least 99.9 wt.% isopropyl alcohol is produced by a method comprising the step of distilling an isopropyl alcohol solution that contains no more than about 14 wt.% water using a ternary azeotrope.

Claims 11-20 (canceled)